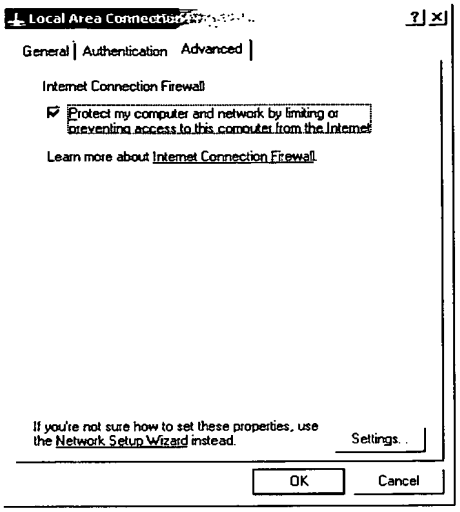
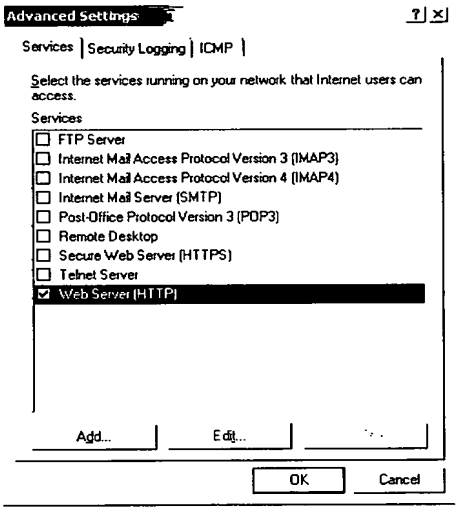
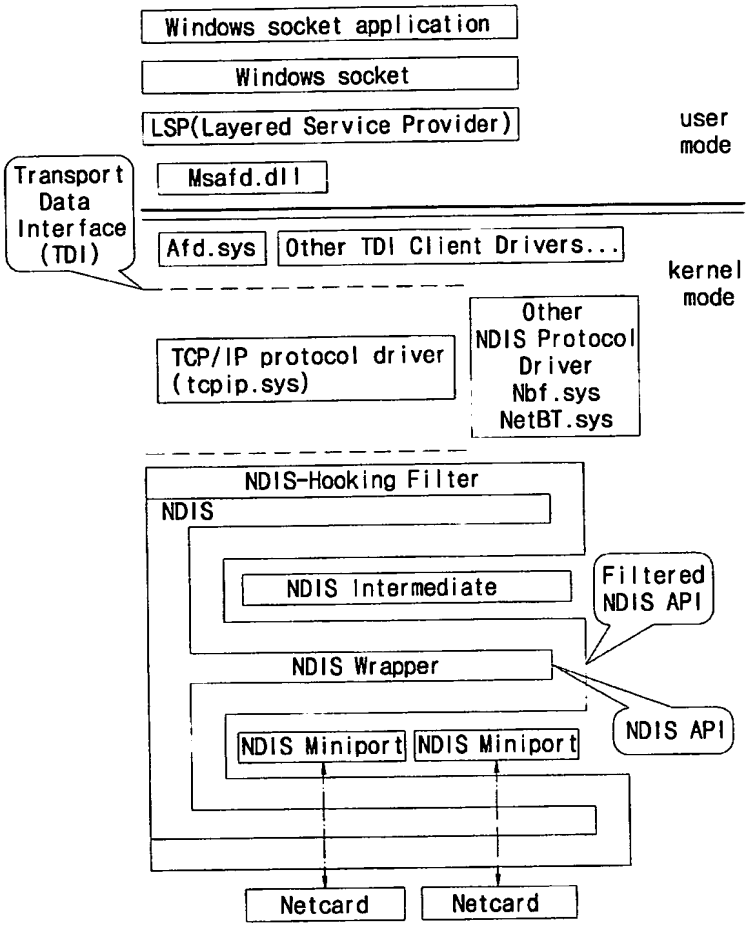
[Fig. 1]


Local Area Connection
General | Authentication | Advanced
Internet Connection Firewall
Protect my computer and network by limiting or preventing access to this computer from the Internet
Learn more about Internet Connection Firewall.
If you're not sure how to set these properties, use the Network Setup Wizard instead.
Settings...
OK
Cancel

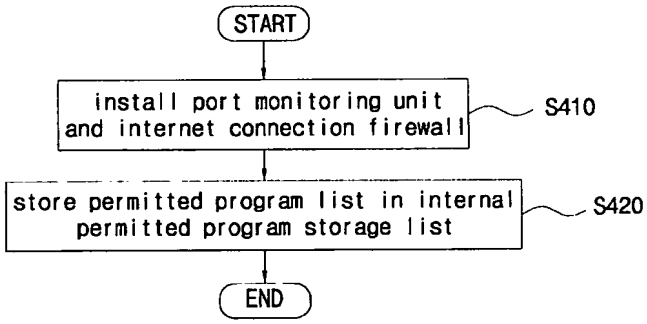
[Fig. 2]


Advanced Settings
Services | Security Logging | ICMP
Select the services running on your network that Internet users can access.
Services
FTP Server
Internet Mail Access Protocol Version 3 (IMAP3)
Internet Mail Access Protocol Version 4 (IMAP4)
Internet Mail Server (SMTP)
Post-Office Protocol Version 3 (POP3)
Remote Desktop
Secure Web Server (HTTPS)
Telnet Server
Web Server (HTTP)
Add...
Edit...
OK
Cancel

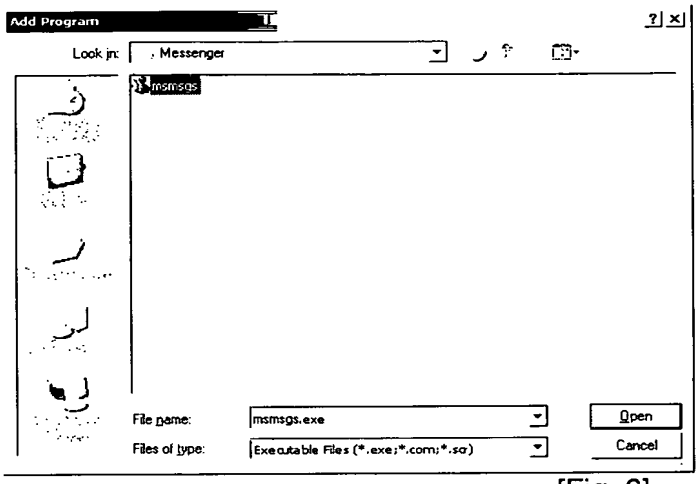
[Fig. 3]


Windows socket application
Windows socket
LSP(Layered Service Provider)
user mode
Transport Data Interface (TDI)
Msafd.dll
Afd.sys
Other TDI Client Drivers...
kernel mode
Other NDIS Protocol Driver Nbf.sys NetBT.sys
TCP/IP protocol driver (tcpip.sys)
NDIS-Hooking Filter
NDIS
NDIS Intermediate
Filtered NDIS API
NDIS Wrapper
NDIS API
NDIS Miniport
NDIS Miniport
Netcard
Netcard

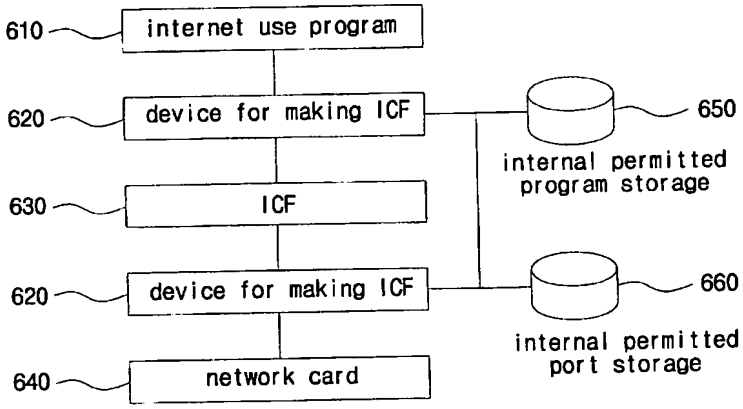
[Fig. 4]


START
install port monitoring unit and internet connection firewall
S410
store permitted program list in internal permitted program storage list
S420
END

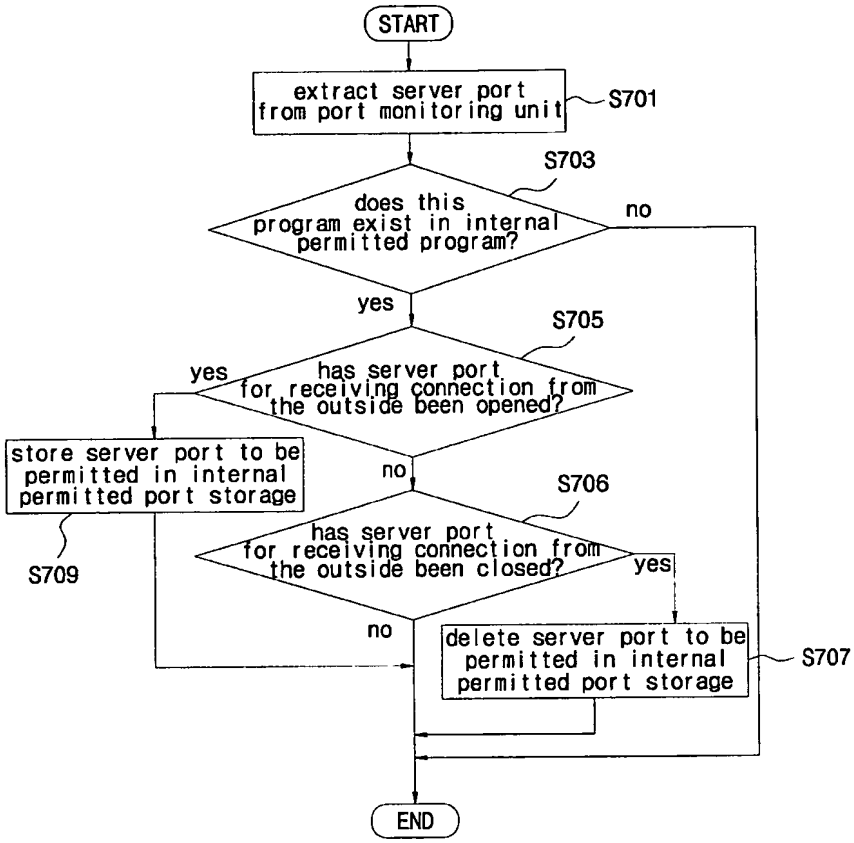
[Fig. 5]


Add Program
Look in:
Messenger
msmsgs
File name:
msmsgs.exe
Open
Files of type:
Executable Files (*.exe;*.com;*.sc)
Cancel

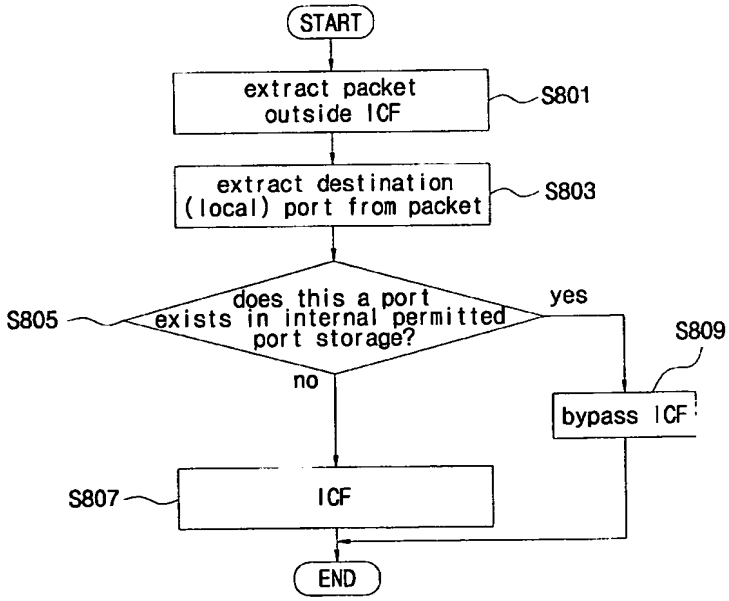
[Fig. 6]


610
internet use program
620
device for making ICF
650
internal permitted program storage
630
ICF
620
device for making ICF
660
internal permitted port storage
640
network card

[Fig. 7]


START
extract server port from port monitoring unit
S701
S703
does this program exist in internal permitted program?
no
yes
S705
has server port for receiving connection from the outside been opened?
yes
store server port to be permitted in internal permitted port storage
S709
no
S706
has server port for receiving connection from the outside been closed?
yes
no
delete server port to be permitted in internal permitted port storage
S707
END

[Fig. 8]


START
extract packet outside ICF
S801
extract destination (local) port from packet
S803
S805
does this a port exists in internal permitted port storage?
yes
S809
bypass ICF
no
S807
ICF
END